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## PATENT ABSTRACTS OF JAPAN

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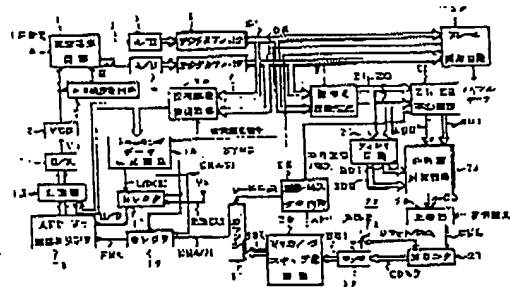
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## (54) BROADCAST RECEIVER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide the broadcasting receiver that stably reproduces a demodulation carrier up to a low C/N.

SOLUTION: In the broadcasting receiver that receives a radio wave sent hierarchically, a phase error of a detected reception phase shift keying signal is found for each hierarchy at a phase error detection circuit 8A, and a tracking data generating circuit 15 converts data based on phase error information limited for a low hierarchical range found by the phase error detection circuit 8A into a tracking voltage, the converted tracking voltage is applied to a voltage controlled oscillator 2 that uses an oscillation output as a demodulation carrier, and the oscillated output of the voltage controlled oscillator 2 is used for the demodulation carrier.



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